

**RECEIVED  
CENTRAL FAX CENTER****OCT 12 2004**

DOCKET NO. PF01869NA

**MOTOROLA****FAX TRANSMITTAL SHEET**

Motorola, Inc.  
Intellectual Property Section  
Law Department  
600 North U.S. Highway 45  
AS437  
Libertyville, Illinois 60048

Telephone: (847) 523-2322  
Facsimile: (847) 523-2350

**20** Number of Pages (including this page)

Date: October 12, 2004

To: Examiner James K. Moore – Art Group 2686

Location: United States Patent and Trademark Office

Fax No.: (703) 872-9306

From: Hisashi David Watanabe - 37,465

Subject: 09/629,321– Hill, Thomas C., et al. Confirmation No.: 4702

**NOTICE:** This facsimile transmission may contain information that is confidential, privileged, or exempt from disclosure under applicable law. It is intended only for the person to whom it is addressed. Unauthorized use, disclosure, copying or distribution may expose you to legal liability. If you have received this transmission in error, please immediately notify us by telephone (collect) to arrange for return of the documents received and any copies made. Thank you.

**MESSAGE:**

Enclosed herewith, please find AMENDMENT and associated papers, if any, for filing in the below-identified application.

**PLEASE GIVE THESE PAPERS TO:**

EXAMINER:  
GROUP ART UNIT:  
SERIAL NO.:  
FILED:  
INVENTOR:

Moore, James K.  
2686  
09/629,321  
JULY 31, 2000  
HILL, THOMAS C., ET AL.

Serial No. 09/629,321  
Amdt. dated October 12, 2004  
Reply to Office Action of September 8, 2004

Attorney Docket No. PF01869NA

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**RECEIVED**  
**CENTRAL FAX CENTER****OCT 12 2004**

Application No.: 09/629,321

Confirmation No.: 4702

Applicant(s): Hill, Thomas C., et al.

Examiner: Moore, James K.

Filed: July 31, 2000

Docket No.: PF01869NA

TC/A.U.: 2686

Customer No.: 20280

Title: Method and Apparatus to Improve Capacity and Battery Life of an Ad  
Hoc Network System Using Sensor Management

---

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT**

Sir:

In response to the Office Action of September 8, 2004, please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 5 of this paper.

A Declaration Under 37 C.F.R. §1.131 accompanies this paper.